

## PMA 1 INGRESS

### TOOLS AND EQUIPMENT REQUIRED:

Flashlight  
Ratchet 1/4" Drive  
TBD Extension  
TBD Torque Wrench  
7/16" Deepwell Socket, 1/4" Drive  
Velcro

### CREW INGRESS

#### NOTE

Expect Klaxon when MPEV valve is opened.

Node 1  
Aft  
Hatch

1. Remove MPEV Cap.  
Stow.  
MPEV → Op  
Wait 3 minutes.

AFD

#### SPEC 66 ENVIRONMENT

When CABIN dP/dT < 0.01

2. Open Node 1 Aft Hatch per decal.

Notify **MCC-H**, "Node 1 Aft Hatch is Open".

**MCC-H** notify **MCC-M**: "You have a go to open the Pressure Equalization Valve between the FGB Pressurized Adapter and PMA 1."

### PMA1 IMV DUCT CONFIGURATION

PMA 1  
xx\_xx

3. Remove with Ratchet and Deepwell Socket and tmpy stow  
V-band clamp  
IMV Cap from Node 1 IMV Aft Port  
Stbd Duct (two)
4. With combination of Ratchet and Deepwell Socket, install flange saver (removed during PMA2 Ingress) on NOD1 IMV Aft Stbd Duct flange.
5. Disconnect PMA 1 Air Duct Jumper from launch support.  
Tmpy stow V-band.
6. Connect PMA 1 Air Duct Jumper to Node 1 Aft Port IMV Flange with V-band clamp.  
Secure V-band clamp with over-center Latch.  
Tighten V-band with Ratchet and Deepwell Socket.
7. Remove Velcro straps (three) from PMA 1 air duct jumper.  
Remove band clamp from PMA 1 hard duct.  
Attach other end of PMA 1 air duct jumper to hard duct with band clamp.  
Secure clamp with over-center Latch.

8. Remove band clamp from PMA 1 hard duct and cap.  
Stow cap on side of hard duct with pre-positioned Velcro.  
Stow band clamp in TBD.

Node 1

- xx\_xx      9. Node 1 Aft Port IMV valve → Op  
Stow handle

Node 1

Aft

- Hatch      10. MPEV → CI (capped)